

CLAIMS

I claim

1. A method for performing calculations and transmitting data safely, said method comprising:

Selecting one or more IsoServers;

Selecting one or more IsoClients, said IsoClients exchanging data and receiving one or more IsoProgs from said IsoServers;

Applying said IsoProgs to one or more collections of RawData to generate one or more collections of IsoData;

Transmitting one or more collections of IsoData to one or more MinClients;

Applying one or more HeteroProgs to one or more collections of IsoData to generate one or more collections of Final IsoData;

Transmitting one or more collections of FinalIsoData to one or more IsoServers and IsoClients;

Applying one or more InvIsoProgs to one or more collections of FinalIsoData to generate one or more collections of Final Data.

2. The method of claim 1, where one or more said IsoServers initiate the exchange of data with one or more of said IsoClients.
3. The method of claim 1, where one ore more said IsoClients initiate the exchange of data with one or more of said IsoServers.

Method and System for Safe Calculation and Data Transmission

4. The method of claim 1, where one or more said MinClients initiate one or more requests for one or more collections of said IsoData from one or more of said IsoClients.
5. The method of claim 1, where one or more said IsoClients initiate one or more offers to send one or more collections of said IsoData to one or more of said MinClients.
6. The method of claim 1, where no more than one of said HeteroProgs is applied to any of said collections of IsoData.
7. The method of claim 1, where a multiplicity of said HeteroProgs is applied to one or more of said collections of IsoData.
8. The method of claim 1, where one or more collections of said Final IsoData is transmitted to one or more of said IsoServers.
9. The method of claim 1, where one or more collections of said Final IsoData is transmitted to one or more of said IsoClients.
10. The method of claim 1, where said InvIsoProgs are applied to one or more collections of said Final IsoData by one or more of said IsoServers.
11. The method of claim 1, where said InvIsoProgs are applied to one or more collections of said Final IsoData by one or more of said IsoClients.
12. The method of claim 1, where one or more of said IsoServers is an internet/web agent.
13. The method of claim 12, where said internet/web agents link up to form one or more P-IsoServers.
14. The method of claim 13, where said IsoServers and P-IsoServers negotiate with counterparties.

15. The method of claim 14, where said counterparties are internet/web agents.
16. The method of claim 14, where said counterparties are physical devices.
17. The method of claim 13, where IsoProgs running on said internet/web agents perform market analysis.
18. The method of claim 13, where IsoProgs running on said internet/web agents communicate transactional information to other agents and/or facilities.
19. The method of claim 1, where a multiplicity of IsoProgs is used to facilitate error correction.
20. The method of claim 1, where a multiplicity of IsoServers is used to facilitate error correction.
21. The method of claim 1, where one or more of said IsoProgs preserves the dyadic relationships of '<', '=', and '>'.
22. The method of claim 1, where one or more of said IsoProgs preserves relationships among vector data sets that do not depend upon magnitude.
23. The method of claim 22, where one or more of said IsoProgs preserves the pairwise vector quotients of said vector data sets.
24. The method of claim 1, where said IsoClients use said IsoProgs to create IsoBids.
25. The method of claim 24, where said IsoBids are used in an auction.
26. The method of claim 25, where said auction is conducted over a communications network.
27. The method of claim 26, where said communications network consists of one or more computer networks.
28. The method of claim 1, where highly sensitive data is tested by an algorithm.

29. The method of claim 28, where said data relates to military or other government secrets.

30. A system for performing calculations and transmitting data safely, said system

comprising:-

a means for selecting one or more IsoServers;

a means for selecting one or more IsoClients, said IsoClients exchanging data and receiving one or more IsoProgs from said IsoServers;

a means for applying said IsoProgs to one or more collections of RawData to generate one or more collections of IsoData;

a means for transmitting one or more collections of IsoData to one or more MinClients;

a means for Applying one or more HeteroProgs to one or more collections of IsoData to generate one or more collections of Final IsoData;

a means for transmitting one or more collections of FinalIsoData to one or more IsoServers and IsoClients;

a means for applying one or more InvIsoProgs to one or more collections of FinalIsoData to generate one or more collections of Final Data.